D' TRECE KAYA, C. I.

17. 57TAC

USSR/Geol Prospecting Petroleum

Nov/Lec 1947

"Experience in Organization of Micropetrographic Research in Field Farties in Siberia," L. C. Stankevich, G. J. Generikhovskaya, 3 pp

"Razvedka Nedr" No 6

Discusses technical problems met in making microscopic studies of rocks during geological espeditions.

PA 57T46

18(5); 8(5)

PHASE I BOOK EXPLOITATION

SOV/1992

Gendrikhovskiy, Zdislav Cheslavovich

- Gornaya elektrotekhnika (Electrical Engineering in Mining) Moscow, Ugletekhizdat, 1958. 323 p. Errata slip inserted. 25,000 copies
- Resp. Ed.: Ye. Ya. Umanskiy; Ed. of Publishing House: V.V. Mirskaya; Tech. Ed.: L.Sh. Bereslavskaya, and S.Ya. Shklyar.
- PURPOSE: This book was approved as a textbook for students of mining tekhnikums by the Administration of Secondary Specialized Schools, Ministry of Higher Education, USSR.
- COVERAGE: The book presents information on electric drives, lowvoltage and high-voltage mining apparatus and equipment, surface and underground substations and networks, and underground illumination. The author describes the basic equipment and operating principle of underground signaling systems, telephone communication,

Card 1/9

Electrical Engineering in Mining

SOV/1992

and dispatcher control systems. This book covers the program of courses on Electrical Engineering in Mining for students specializing in Underground Coal Mining. In the Introduction the author gives a brief historical sketch of the development of electrical engineering in mining in Russia and the USSR. He mentions F.N. Shklyarskiy, Doctor of Technical Sciences and Professor at the Leningrad Mining Institute, as the founder of mining electrical engineering as a new branch of science. The following scientific research institutes are listed in connection with the development of this science and of the electrical equipment used in mining: VUGI, DonUGI, VEI, and IGD AN USSR. The author thanks Tekhnikum Director D.K. Zimin for help on the book and the following technicians for providing the drawings and graphs: V.L. Kozhev-nikov, A.M. Strel'stov, G.Ya. Domnich, B.P. Demchenko and G.V. Morozov. He also thanks A. Ya. Kalachnikov, Director of the Dneprogiproshakht Institute, and Engineers K.S. Mashkevich and A. F. Shevchuk. There are 65 references: 63 Soviet, 1 English and 1 German.

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APPROVED FOR RELEASE: 108435/2001

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Electrical Engineering in Mining  11. Telephone communications 12. Basic principles of an STsB system in underground t portation (STsB - signaling, centralization and blo	<b>SOV</b> /1992 300	
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5(3, 4)

SOV/63-4-3-27/31

AUTHORS:

Oksengendler, O.M. (Deceased), Gendrikov, E.P.

TITLE:

The "Peri-Effect" in the Series of Substituted S-(1-naphthyl)-Thio-

glycolic Acid

PERIODICAL:

Khimicheskaya nauka i promyshlennost', 1959, Vol 4. Nr 3, p 412 (USSR)

ABSTRACT:

The "peri-effect" is the spatial interaction of electronic shells of adjacent atoms in the compounds 5,6,11,12-tetrachlorotetracene and the tetrasulfide of tetracene / Ref 1 /. For studying the "perieffect" in the naphthalene series the absorption spectra of various substituted derivatives of the S-(1-naphthyl)-thioglycolic acid were investigated. The "peri-effect" has been found in the series of 1,4-, 1,5-, and 1,8-metoxynaphthylthioglycolic acids, in the same series of chloronaphthylthioglycolic acids, and in two bromonaphthylthioglycolic acids. The effect increases with the number of unbound electrons in the outer shell of the substituting atom. Chlorine and bromine have 6 such electrons. The "peri-effect" is therefore more pronounced than in other atoms.

There are: 1 graph, 1 table and 5 references, 1 of which is Soviet,

Card 1/2 1 American, 1 English, 1 German and 1 French.

sov/63-4-3-27/31

The "Peri-Effect" in the Series of Substituted S-(1-naphthyl)-Thioglycic Acid

ASSOCIATION: Rubezhanskiy filial nauchno-issledovatel skogo instituta poluproduktov

i krasiteley imeni K.Ye. Voroshilova (Rubezhnoye Branch of the Scientific Research Institute of Semi-Finished Products and Dye-Stuffs

imeni K.Ye. Voroshilov)

SUBMITTED: December 22, 1958

Card 2/2

\$/073/60/026/005/017/019 8001/8063

THE PROPERTY OF THE PROPERTY O

AUTHORS:

Oksengendler, G. M. (Deceased), Gendriker, E. P.

TITLE:

A Method of Synthesizing 1,8 Carhoxynapothyl

Thioglycolic And

PERIODICAL:

Ukrainskiy khimicheskiy zhurnal, 1960, 7-1. 26, No. 5,

pp. 672 - 673

TO MINE TO SECURITION FOR THE PROPERTY OF THE

TEXT: A simple method is proposed for the synthesis of 1,8-carboxy-naphthyl thicglycolic acid which is used as a starting material in the synthesis of thioindigo dyes. 1,8-cyanonaphthalone sulfochloride obtained from sodium-1,8-cyanonaphthalone sulfocate and PCl<sub>5</sub> is heated in the presence of SnCl<sub>2</sub> to 80-85°C. Once the reaction mixture is cocled, it is poured into an equal volume of HCl and diluted with water of the same volume. The yellow precipitate is dissolved in not, concentrated acetic acid and then filtered off, and the anhydrite of 1,8-thiol naphthoic acid is precipitated from the filtrate by reans of water. The anhydride is dissolved in dilute NaOH and condensed with softum

Card 1/2

A Method of Synthesizing 1,8-Cartoxy-naphthyl Thieglycolic Acid

\$/073/f0/026/005/017/019 B004/B063

monochloracetate at 45-50°C for 20 min (90% yield). There are 6 non-Soviet references.

ASSOCIATION: NIOPik 6. Ruberhreye (Schemenford Research Teachible of

Organic Semiproducts and Dyes, Rot they it

SUBMITTED: April 1959

Card 2/2

GENDRIKOV, E. P. Cand Chem Sci -- "Study in the field of cis-trans/isomerism of thioindigoidiyes." Mos, 1960 (Mos Order of Len Chemicotechnological Inst im D. I. Mendeleyev) (KL, 1-61, 182)

-50-

OKSENGENDLER, G.M. [deceased]; GENDRIKOV, E.P.

Study of the cis-trans isomerization of perinaphthicindigo. Zhur. VKHO 5 no. 2:233-234 '60. (MIRA 14:2)

1. Rubezhanskiy filial Nauchno-issledovatel¹skogo instituta organicheskikh poluproduktar i krasiteley imeni K.Ye. Voroshilova. (Dyes and dyeing)

Action of oleum on tetrachloropyrene. Zhur.prikl.khim. 34 no.7:
1623-1625 J1 '61. (MIRA 14:7)

(Pyrene) (Sulfuric acid)

Tanal 1... argument from, A.A.; Gallin, M.V., E.R.; Lete V. D., L.C.

Sing of the copolyrer of styrene with divinyl bennese.

Flant. marsy no.8:5-6 165.

(MEA 18:9)

STANKEVICH, L.O.; GENDRIKHOVSKAYA, G.Ch.

Calcium rhodochrosite of the Kamysh-Burun trough. Min. sbor. no.16:435-441 \*62. (MIRA 16:10)

1. Gornyy institut imeni Artema, Dnepropetrovsk. (Kerch Peninsula--Rhodochrosite)

# GENDROLIS, A.

Preparation of solutions for injection in hospital pharmacies. Sveik. apsaug. 8 no.8144-47 Ag\*63.

Resp. Kauno psichoneurologine ligonine. Vyr.gydytojas - V.Berneris.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000514720001-1"

# . .- GENDROWSKI, Wojoicah

On enzymatic activity of body fluids in multiple sclerosis. Pat. polska 12 no.2:193-204 '61.

1. Z Oddzialu Neurologii Instytutu Psychoneurologicznego w Pruszkowie Dyrektor: prof. dr Z. Kuligowski (ENZYMES metab) (MULTIPLE SCLEROSIS metab)

#### 

30V-113-58-9-12/19

AUTHORS: Gendzekhadze, T.L., Verkhovskiy, I.K., Dzhoashvili, Zh.I.

TITLE: The Use of Induction Heating for the Thermic Improvement of

Piston Pins (Primeneniye induktsionnogo nagreva dlya termi-

cheskogo uluchsheniya porshnevykh palitsev)

PERIODICAL: Avtomobil'naya promyshlennost', 1958, Nr 9, pp 34-35 (USSR)

ABSTRACT: Experiments conducted by the Kutaisi Motor Vehicle Plant ineni

Ordzhonikidze showed a method of saving material, and handling the operations and electric current in the induction heating of piston pins by intermittent cooling. The pins are heated for 5.8 to 6 seconds, cooled for 1.8 to 2 seconds with a

final heating temperature of 920°C. After this the final surface hardness of the ping was Re - 30.5.40

surface hardness of the pins was  $R_C = 30 - 40$ . There are 2 diagrams, 2 graphs and 1 table.

AGSOCIATION: Kutaisskiy avtozavod imeni Ordzhonikidze (The Kutaisi Motor

Vehicle Plant imeni Ordzhonikiuze)

1. Piston pins--Induction heating

Card 1/1

Kulaussy autozaved in Filzbanikidy

GENDZEKHADZE, T. N., (Grad Stud)

Dissertation: "Some Problems of Kinematic and Dynamic Design of Spatial Cam Gears." Cand Tech Sci, Moscow Order of Lenin Aviation Inst imeni Sergo Ordzhonikidze, 22 Jun 54. (Vechernyaya Moscow, 11 Jun 54)

SO: SUM 318, 23 Dec 1954

GENDZEHADZE, T.W., kandidat tekhnicheskikh mauk.

Elmenatic design of three-dimensional cam mechanisms. Frudy MAI ne.72:
4-27 '57. (Came)

GENDZEKHADZE, T.N., kand. tekhn. nauk

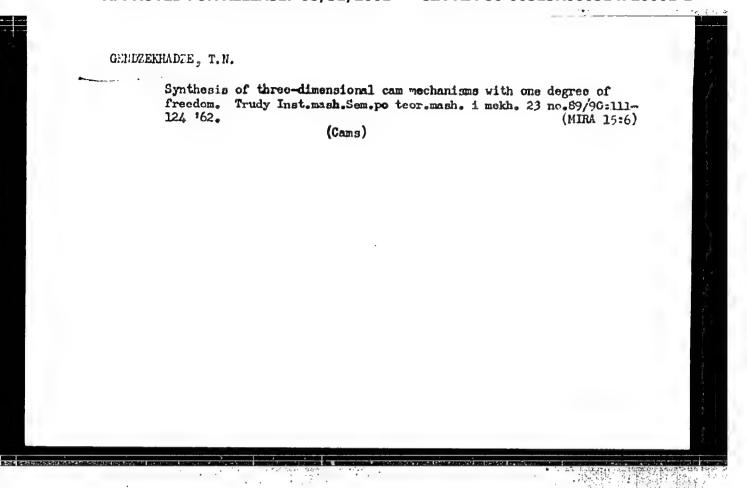
Solving a basic problem of dynamic design of three-dimensional cam mechanisms. Izv. vys. ucheb. zav.; mashinostr. nc.9:21-34
'58. (MIRA 12:10)

1.Moskovskiy aviatsionnyy institut.
(Came) (Mechanical movements)

GENDZEKHADZE, T.N., kand.tekhn.nauk, dotsent

Kinematic design of three-dimensional cam mechanisms having a tapered hyperboloidal rod roller. Izv.vys.ucheb.zav.; mashinostr. no.8:15-25 '61. (MIRA 15:1)

Moskovskiy aviatsionnyy institut.
 (Cams)



GENDZEKHADZE, Yekaterina Nikolayevna; LESNAYA, L.V., red.; YERPAKOV,

[Marine insurance contracts] Dogovor morskogo strakhovanila; lektsila dlia studentov iuridicheskikh fakul'tetov gosuniversitetov. Moskva, Isd-vo Mosk. univ. 1963. 37 p. (MIRA 16:7)

(Insurance, Marine) (Contracts, Maritime)

GENDZELEVSKAYA, V.S.; STREL\*TSCVA, M.T.

Standardi\*ation of knitted fabrics. Standartizatsiia 25 (MIAA 14:7)

(Knit goods--Standards)

GENDZELEVSKAYA, Z.N.

Effect of testosterone propionate on the conditioned reflex activity of aging dogs. Trudy Gos.nauch.-issl.inst.psikh. 27:340-350 '61. (MIRA 15:10)

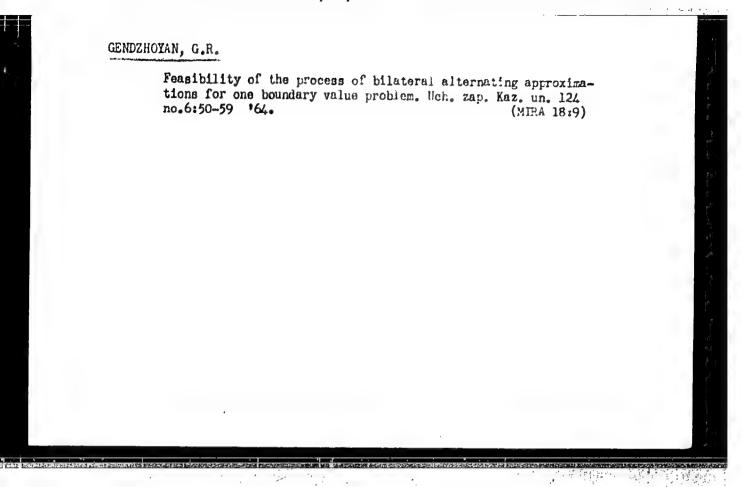
1. Gosudarstvennyy nauchno-issledovatel'skiy institut psikhiatrii Ministerstva zdravookhraneniya RSFSR. Dir. prof. V.M.Banshchikov. Laboratorii patofiziologii vysshey nervnoy deyatel'nosti - zav. prof. Yu.N.Uspenskiy.

(TESTOSTERONE) (CONDITIONED RESPONSE) (AGING)

PARMENOV, K. Ya.; GENDZHEVA, N. [translator]

Heuristic method and its historical development. Biol i khim 6 no.6:24-36 163.

Forming chamic	eal aptitude in	studenta.	Riol i khim	7 no.6:27-36	
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ACC NR: A1:7009569

SOURCE CODE: UR/0429/66/001/604/0238/0269

AUTHOR: Gendzhovan, G. V. ORG: Yerevan Folytechnical Institute im. K. Marksa (Yerevanskiy

politekhnicheskiy institut)

TITLE: Evaluations of Green's Function for the first boundary value

problem for the equation of heat conductivity

SOURCE: AN ArmSSr. Izvestiya. Matematika, v. 1, no. 4, 1966, 238-269

TOPIC TAGS: Green function, boundary value problem, heat conductivity

SUB CODE: 12,20

ABSTRACT: Let 2 be a domain bounded by a smooth surface : in three-dimensional

Euclidean space.

For Green's function of the first boundary value problem for the heat equation in the cylinder  $D=\Omega\times(0,T]$  the paper proves the following results:

a) If the surface  $\circ$  belongs to the class  $C^{1,\lambda}$ , the following inequality holds in D:

$$\left|\frac{\partial G\left(x,\,t,\,\xi,\,\tau\right)}{\partial x_{i}}\right| \leqslant c_{1}\left(\epsilon\right)^{\frac{e}{4}-\epsilon}\frac{-\left(\frac{1}{4}-\epsilon\right)\frac{i.\tau-\xi^{1/2}}{\ell-\tau}}{(\ell-\tau)^{2}} \qquad (i=1,\,2,\,3),$$

Orig. art. has: 2 formulas. [JPRS: 40,207] [Based on author's Eng. Abat.]

Card 1/1

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4.6730	75029 • 4. S/O B10	57/61/031/007/010/021 4/B206	5
AUTHORS:	Kheyfets, S. A., Orlov, Yu. F., and	Gendzhoyan, G. V.	្រ (កូមិ វត្តវិ
TITLE:	Particle losses in an electron accelequantum fluctuations of radiation (p)		10
PERIODICAL:	Zhurnal tekhnicheskoy fiziki, v. 31,	no. 7, 1961, 824-829	
TEXT: The m changed acco	agnetic field of an annular electron acrding to the relation H > H (4 core)	celerator is usually	15.
-, -, -, -, -,	958) showed that for $ \cos \omega t  < 5/\varepsilon$ and tude of the phase oscillations may be d	4 / 4 0 11 41	
Y .	$\overline{A}^{\mathfrak{g}}=BF_{\mathfrak{g}}\left( \zeta\right) ,$	(1)	20
	$F_{\rho}(\zeta) = \zeta^{-1/\rho} (1 + \zeta)^{-1/\rho} e^{-(1+\beta)\zeta} \int_{0}^{\zeta} (1 + u)^{-1/\rho} u^{2/\rho} e^{(1+\beta)\alpha} du$	V	(4 ) 3 (4 ) 4 (4 )
		'' (2)	166
Jard 1/6		' (2).	25

25029

Particle losses in an electron ...

S/057/61/031/007/010/021 B104/B206

 $\zeta = P_r/\dot{\epsilon} = \Delta \dot{\epsilon}_{rad}/U$  is the relation of the emission intensity of electrons in a magnetic field with the energy increment  $\dot{\epsilon}$ .  $\zeta$  increases quickly with increasing particle energy. The parameter  $\beta$  depends on the coupling of radial— and phase oscillations, and determines radiation attenuation. In strongly focusing accelerators  $\beta = 0$ ; in weakly focusing ones,  $\beta = -\{4(1-n)\}^{-1}$ . If in a strongly focusing accelerators

 $\beta = -\{4(1-n)\}^{-1}$ . If in a strongly focusing accelerator, a variation of the magnetic field along the orbits is used to attenuate the radial oscillations, the radiation attenuation can be described by the decrements

$$A^{0} \simeq 4(1+\beta) \frac{P_{i}}{d}; \int_{-1}^{1} T_{i} dt' \simeq (1+\beta) \zeta, \qquad (3)$$

$$A^{0} = A_{i}^{0} \exp\left(-\int_{-1}^{1} T_{i} dt'\right).$$

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Particle losses in an electron ...

S/057/61/031/007/010/021: B104/B206

15

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The parameter B is then

$$B = 0.84q^{2q}_{3}q_{3}^{q}, \qquad (5),$$

where L and R are length and curvature radius of the orbit in meters,

$$\sigma_2 = \left\langle \frac{H^2}{H_0^2} \right\rangle$$
,  $\sigma_3 = \left\langle \frac{|H|^3}{H_0^3} \right\rangle$ , q the multiplicity of the frequency of the ac-

celeration voltage,  $\alpha$  the logarithmic differential quotient of the orbit length with respect to the pulse,  $\Phi_s$  the equilibrium phase (with  $\Phi$  = 0, the

voltage of the acceleration field attains a maximum). If the oscillations can be assumed as linear, the kinetic equation for the distribution function of the amplitudes, which takes account of the stochastic oscillations as well as the attenuation of the oscillation, may be brought into the form of the equations

$$\frac{\partial \Phi}{\partial x} = \frac{\partial}{\partial s} \left( z \frac{\partial \Phi}{\partial z} + z \Phi \right), \tag{6}$$

Card 3/6

Particle losses in an electron ... \$\frac{25027}{5/057/61/031/007/010/021}\$
where

 $z = \frac{a}{\tau + 1}, \quad dx = \frac{d\tau}{\tau + 1}, \tag{7}$ 

(8).

413

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If A permissible is the maximum permissible oscillation amplitude, A permissible  $\Phi^2$  permissible  $\Phi^2$  (where  $\Phi^2$  is the frequency of the phase) holds for linear phase oscillations. If  $\Phi^2 = C(\cos \Phi_a - \cos \Phi)$  holds for nonlinear phase oscillations,  $\Phi^2$  permissible  $\Phi^2 = \Phi^2 = \Phi^2$  may be written down approximately. For the number of particles participating in the acceleration up to the "moment"  $\Phi^2 = \Phi^2$  permissible  $\Phi^2 = \Phi^2 = \Phi^2$  may be written down approximately.

Card 4/6  $n(\zeta) \simeq n(0) \exp\left\{-(1+\beta) \int_{\zeta}^{\zeta} \frac{A_{pon.}^2}{A^2} \exp\left(-\frac{A_{pon.}^2}{A^2}\right) d\zeta\right\}. \tag{14}$ 

10

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25

Particle losses in an electron....

S/057/61/031/007/010/021 B104/B206

is given which agrees with that by K. B. Robinzon (Intern. Conf. on High-Energy Accel. a. Instr., CERN, p. 293, 1959). Calculation results for n([), which were made at the Computer Center of the AS Armyanskaya SSR by means of (14), are shown in some diagrams. It may be seen that the quantum-oscillations due to emission begins at () 1 and that the approxima-

$$n(\zeta) = n(0) \exp \left\{ \int_{0}^{\pi(0)} \alpha_{0}(x') dx' \right\}, \qquad (11)$$

can be used for  $B_1 \not \in 0.3$ . The losses strongly depend on  $B_1$  and  $\beta$ . The authors thank the collaborators of the Computer Center, R. A. Aleksandryan, T. M. Ter-Mikayelyan and A. G. Piliposyan for their assistance. There are 7 figures and 11 references: 7 Soviet-bloo and 4 non-Soviet-bloc.

ASSOCIATION: Fizicheskiy institut AN Arm. SSR (Physics Institute, AS Armyanskaya SSR). Vyohislitel'nyy tsentr AN Arm. SSR (Com-

Card 5/6

Particle losses in an electron		25029 . S/057/61/03 B104/B206	1/007/010/021	, ,	
	puter Center, AS Armyanskaya SSR)				
SUBMITTED:	August 31, 1960		;	40.	
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ACCESSION NR: AP4042534

s/0022/64/017/003/0021/0027

AUTHOR: Gendzhoyan, G. V.

TITLE: On bilateral Chaplygin approximations of the solution of a two-point boundary problem

SOURCE: AN ArmSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, v. 17, no. 3, 1964, 21-27

TOPIC TAGS: Chaplygin equation, boundary problem, convergent series, approximation calculation, differential equation

ABSTRACT: The boundary value problem considered is

$$P(y) = -y'' + f(x, y, y') = 0, \quad 0 < x < 1 \tag{1}$$

$$y(0) = y(1) = 0,$$
 (2)

and it is proved that the approximations obtained converge to the

1/3

### ACCESSION NR: AP4042534

true solution. The existence of the solution is established by the same token. Upper and lower limits of the solutions are defined and a Chaplygin algorithm for their evaluation is deduced such as to define monotonic sequences of these functions. Boundedness of the sequences is proved. It is shown finally that the limiting functions of the Chaplygin approximations, constructed from above and from below, coincide, thereby proving the following theorem: If a function f(x, y, y') is continuous in x, y, and y' in the domain  $0 \le x \le 1$ ,  $y^2 + y'^2 < \infty$ , is continuously differentiable in y and y', and the relations  $0 \le f_y \le M$ ,  $|f_y| \le M$  are satisfied in this domain, then the Chaplygin algorithms for the lower and upper functions u(x) and v(x) respectively, defined by

$$\Gamma^{3}u_{n} + P(u_{n}) = -3u_{n}^{2} + k(x)\delta u_{n}^{2} + l(x)\delta u_{n} + P(u_{n}) = 0$$

$$\Gamma^{3}v_{n} + P(v_{n}) = -3v_{n}^{2} + k(x)\delta v_{n}^{2} + l(x)\delta v_{n} + P(v_{n}) = 0$$
(4)

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ACCESSION NR: AP4042534

 $\delta u_n(0) = \delta u_n(1) = 0$ ,  $\delta v_n(0) = \delta v_n(1) = 0$ ,  $(n = 0, 1, 2 \cdot \cdot \cdot)$  (5)

converge uniformly to a unique solution of the problem. "I thank s. N. Slugin for valuable hints and continuous interest." Orig. art. has: 7 formulas.'

ASSOCIATION: Gor'kovskiy gosudarstvenny\*y universitet im. N. I. Lobachevskogo (Gor'kiy State University)

SUBMITTED: 06Nov63

ENCL: 00. ·

SUB CODE: MA

NR REF SOV: 008

OTHER: 000

3/3

1 58806-65 EWT(8) IJP(c)
ACCESSION NR: AP5012162

UR/0022/65/018/001/0003/0013

**AUTHOR:** 

Gendzhoyan. Q. V.

TITLE: Application of the Chaplygin method to the Dirichlet problem for one class of quasilinear elliptic equations

SOURCE: AN ArmSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, v. 18, no. 1, 1965, 3-13

TOPIC TAGS: Chaplygin method, Dirichlet problem, partial differential equation, elliptic equation, existence theorem

ABSTRACT: A method is presented for constructing approximate solutions, of the Chaplygin type, for the following problem:

$$P(u) = -\Delta u + f\left(x, u, \frac{\partial u}{\partial x_i}\right) = 0 \quad x \in D$$

$$u \mid r = 0.$$

where D is a bounded domain in Euclidean space with sufficiently smooth boundary gamma. The particular case is considered, when f depends in nonlinear fashion on u and on its derivatives. It is

Curd 1/2

### "APPROVED FOR RELEASE: 08/31/2001 C

### CIA-RDP86-00513R000514720001-1

ACCESSION NR: AP5012162

proved that the Chaplygin approximations converge to the solution, and the existence of the latter is established by the same token.

"The author thanks Professor Ye. M. Landis and S. N. Kruzhkov for help in the course of this work." Original article has: 11 formulas

ASSOCIATION: Gor'kovskiy gosudarstvennyy universitet im. N. I.

Lobachevskogo (Gor'kiy State University)

SUEMITTED: 19Jun64 ENGL: 00 SUB GODE: MA

NR REF SOV: 006 OTHER: 002

14(5)

SCV/92-56-12-7/24

AUTHORS: Gene, B.R., Chief Engineer, and Malamin, de. Ye., Senior Engineer

TITLE: Effort to Combrol Feraffin Accommunation is an Effort to Increase Oilvell Only on (Excise a site standard parafilm a sonice valgrarditelinosti showshim)

PERIODICAL: Neftyrolik, 1958, Nr 12, pp. 10-11 (MESR)

ABSTRACT: Februlaum recovered to the Voyanth cilificate of the Unite combine combines a considerable emotion of paraditic which takes the exploitation of fixee flow wells and purped wells very complicated. The accumulation of paraffin lowers the cilibell copyable and reintes the throughput of petroleum carrying pipelices. Partheomore, it beapens the accombine of cilifield operations. While measures taken egalists paraditic deposition, in subtributes of paraffin accumulation in the cilibelt petroleum carroting pipe system are rather inefficient. Methods of deparaditicization are expensive and do not produce satisfactory results. The experience galists in the Vehics of little that after a short period of operation patroleum stream lives team controls that after a short period of operation patroleum stream lives team controls that after a short period of operation patroleum stream lives team operated could not produce anticipate paraffic from petroleum stream lives in cilificate could not produce anticipate paraffic from petroleum stream lives in cilificate could not produce anticipate paraffic from petroleum stream in a teste carried out Card 1/2

Effort to Control Paraffin (Cont.)

sov/92-58-12-7/24

during several years, a new efficient method of preventing paraffin accumulation in these lines was found. As an experiment, light weight galvanized pipes, 76 x 1.5 mm in diameter, 8 m long, weighing 16 kg each, were installed in some petroleum carrying lines. The subsequent examination of these pipes revealed that there was no paraffin deposition on the inner surface of pipes, while the steel pipes used for the same purpose became clogged with paraffin after 10-12 days of operation. It is clear therefore that the inner surface of a pipe affects the process of paraffin deposition, which is retarded by the polished surface of a galvanited pipe. Drillers of the Rashkir Republic and the Ura Scientific Research Institute are also making efforts to reduce the paraffin accumulation in free flow wells by coating the inner surface of pipes with petroleum resistant dye. Experiments carried out in this connection at the Thymsza Otlfields were rather successful. Similar successful experiments were also carried out at the Bakk Oilfields by using light pipes made of plastic material. It is also necessary to note that coating pressure tubes and seamless steel pipes with a zinc layer substantially reduces the corrosion of steel. This fact is of considerable importance when oil reservoir rocks are flooded, مناط الأنفقة والمارية والماري hydrogen sulfide.

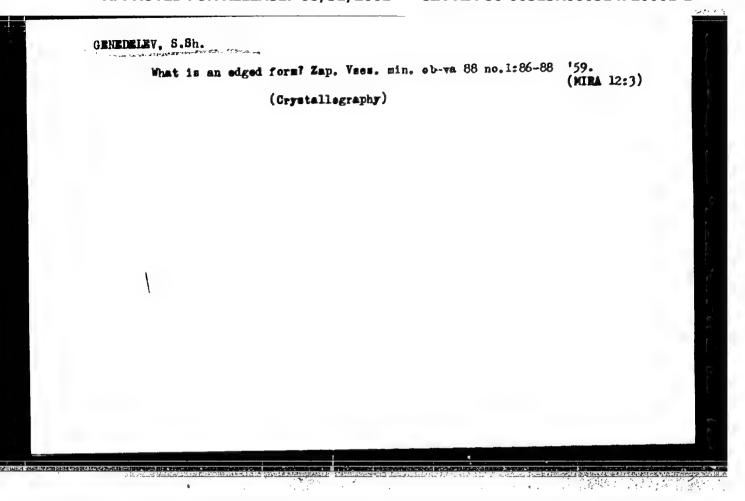
ASSOCIATION: Voyvozhakoye PTO (The Voy-Wosh Febroleum Production Administration)

Card 2/2

GETE, 7. ".

"Invertigation of the 'KPD' of flat mechanisms with direct and alternatin supply systems." Min Higher Education Ukrainian USSR. Dneoropetrovsk Order of Labor Red Unner Metallurgical Inst imeni I. V. Stalin. Dnepropetrovsk, 1956. (Dissertation for the Degree of Candidate In Technical Sciences).

SO: Knizhnaya letopis', No. 16, 1956



GENEJA, Mieczyslaw

Endotracheal anesthesia in gynecological interventions. Gimek. Pol. 33 no.1:31-40 '62.

1. Z II Kliniki Polémictwa i Chorob Kobiecych AM we Wroclawiu Kierownik: prof. dr med. K. Jablosski.

(CYMECOLOGY anesth & analg) (AMESTHESIA INTRATRACHEAL)

### POLAND

GENEJA, Mieczyslaw. PRASTOWSKI, Wieslaw, and SWARD, Jozef, Second Clinic of Obstetrics and Womens' Diseases (II Klinika Poloznictwa i Chorob Kobiecych), AM [Akademia Medyczna, Medical Academy? in aroclaw (Director: Prof. Dr. med. Kazimierz JAHLONSNI) and the Department of Pharmacology (Zaklad Farmakologii) of the Institute of Immunology and Experimental Therapy (Instytut Immunologii i Terapii Doswiadczalnej) of PAN Polska Akademia Nauk, Polish Academy of Sciences in wroclaw (Director: Prof. Dr. med Jozef HANO)

"Steroid Anaesthesia in Gynecologic and Obstetric Operations with Massive Blood Loss,

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 39, 24 Sep 62, pp 1502-1506.

Abstract: | Authors' English summary | Steroid and steroid -other anaesthesia was applied during 25 obstetric and tynecological operations with severe blood loss. Good affect on circulatory system noted despite large blood loss, and seemed to prevent intra and postoperative shock. Authors suggest that steroid anaesthesia is the less toxic. Experiments were performed on 30 rats to confirm these

ROZENBERG, L.M., USHANOVA, I.B., SHCHEKIN, V.V., GENEKH, I.S.

Chromatographic separation of n-alkanes from petrolema APPROVED FOR RELEASEs 08/34/2001 MCIALREP 86-00513/000514720001-1" 481 JI-AR 163.

> 1. Institut neftekhimicheskogo sintema AN SSSR imeni A.V. Topchiyeva.

BALABAN, Aleksandru T.; GENYA, Anisiya [Genea, A.]; NENITSESKU, Kostin, D. [Nenitzescu, C.D.]

Preparation of pyrylium salts by bis-acylation of olefins. Report 5: Bis-acylation of di- and triisobutylene. Izv.AN SSSR, Otd.khim.nauk no.6:1102-1107 Je '61. (MIRA 14:6)

1. Politekhnicheskiy institut, Bukharest.
(Propens) (Acylation)

GENRJA, Mieczyslaw; PRASTOWSKI, Wieslaw; SWARD, Jozef

Experiences with steroid anesthesia in gynecological and obstetric operations associated with extensive blood loss. Pol. tyg. lek. 17 no.39:1502-1506 24 S 162.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych AM we Wroclawiu kierownik: prof. dr med. Kazimierz Jablonski i z Zakladu Farmakologii Instytutu Immunologii i Terapii Doswiadczalnej PAN; kierownik: prof. dr med. Jozef Hano.

(HYDROXYDIONE) (ANESTHESIA OBSTETRICAL)
(HEMORRHAGE POSTPARTUM) (GYNECOLOGY)

RAGINIA, Rudolf; GENEJA, Mieczynlaw

Diffuse peritonitis in the early labor. Pol. tyg. lek. 20 no.28:1054-1055 12 Jl '65.

1. 2 II Kliniki Poloznictwa i Chorob Kobiecych AM we Wroclawiu (Kierownik: prof. dr. med. K. Jablonski).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000514720001-1"

TO SEE SEE SEE SEE SEE SEE SEE SEE

GENEKH, I. S.

UBSR/Chemistry - Tydrocarbons "The Problem of the Separation of n-Paraffin Hydro-

I. S. Genekh, Petroleum Inst, Acad S. T. USSR carbons With the Aid of Ures," L. v. Rozenberg,

"Dok Ak Mauk SSSR" Vol LXXXIV, No 3, pp 523-526

P

May 52

of methyl alc on the yield of the cryst substances Regarding the effect of the temp and a varying aut hydrocarbons, it was discovered that the most favorand the requisite quantity of methyl alc was 15-18% able temp for the formation of a complex was 20-220 produced by the reaction of urea and n-paraffin both in the pure state and in compd form; (2) the carbons of different structure to react with wea (1) the capacity of a series of individual hydroby wt of the given wrea. This work investigated: n-paraffins of a different mol wt; (3) the condimol relationships under which ures reacted with 22517

tions surrounding the quant\_sepn of n-paraffins from synthetic compds and petroleum fractions; and

(4) the sepn of n-paraffins from Karachukhur, Tuymazin, and Surakhan kerosenes with the aid of ures.

Presented by Acad A. V. Topchiyev 20 Mar 52.

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APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000514720001-1"

BOUL

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AUTHORS:

SOV/20-122-4-23/57 Rozenberg, L. M., Topchiyev, A. V.,

Member, Academy of Sciences, USSR,

Ushakova, I. B., Genekh, I. S., Lyashkevich, N. I., Terent'yeva, Ye. I., Mikitina, P. A.

TITLE:

Inventigation on Parallinic Endrocarbons in Merosene Fractions

of the Akbushakaya | Petrolem From Romashkinskoye Oil (issledovanije parafinovýkh Field uglevouorodov kerosinovoy fraktsii aktashskoy nefti

Romashkinskogo mestorozhdeniya)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 4, pp 621 -

624 (USSR)

ABSTRACT:

There are great experimental difficulties confronting the investigation of the individual composition and properties of the aliphatic hydrocarbons of the high-boiling petrolcum

fractions. A survey of publications follows (Rers 1 -3, 10). The present paper was carried out in order to obtain a qualitative and quantitative characteristic of the n-paraffin-hydrocarbons (fraction 175 - 300°) of the petroluem

mentioned in the title. The oil is from the Devonian sediments of the Mikhaylovskiy horizon D from a depth of

Card 1/3

Investigation on Perchinde Mydrocarbons in Kerosens Fractions of the Aktashskaya Petroleum From Romanhkirshoye Oil Field SOV/20-122-4-23/57

1583 - 1583,8 m. After gasoline and resin had been extracted the potrolous fraction (17,2 percentages by weight) was fractionates. After aromatic and sulfurous compounds had been removed by adsorption of silica gel, the product (now 10,4 kg) was treated with urea (Ref 4). 2,5 kg of the hydrocarbons which react with urea were isolated. The isomers were removed by means of sulfuric acid of 100% on a boiling water bath (3 hours). After 10% of the isocompounds had been removed, the solidification point of the product rose from -2 to -0,5. After an intensive (chetkaya) rectification in a vacuum column, all main fractions each contained only individual n-paraffin-hydrocarbons without isostructures. These latter were concentrated in the intermediate fractions which had a solidification temperature of -90°, all mixed together. Table 1 and figure 1 show the results of the rectification and the yields, table 2 the properties and the purity of the individual hydrocarbons when they were isolated from the Aktashskaya petroleum. Mae quantitative estimation of the purity of these compounds was called out

Card 2/3

SOY/20-122-4-23/57

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Investigation on Paraffinic Hydrocarbons in Kerosene Fractions of the Aktashakaya Petroleum From Romanshkirakaya Cil Meld

on the strength of a thermodynamic analysis of the curves: time - melting temperature (Refs 6, 7). The melting point of the sample and the amount of the temperature depression which was caused by an admixture were determined. It was proved that among the hydrocarbons isolated by urea at least 75 - 80% fall to normal paraffins. The main fractions consist of pure individual paraffins with a straight chain. Finally these paraffins are enumerated in percentages by weight with their empirical formulae. There are 1 figure, 2 tables, and 10 references, which are Soviet.

ASSOCIATION:

Thetitut nefti Akademii nauk SSSR (Institute o. Petroleum,

AS TUSR)

SUBMITTED:

June 9, 1958

Card 3/3

ACC NRI AT6034493

SOURCE CODE: UR/0204/66/006/005/0659/0664

AUTHOR: Rozenberg, L. M.; Ushakova, I. B.; Geneich, I. S.; Sanin, P. I.

CRG: Institute of Petrochemical Synthesis im. A. V. Topchiyev AN SSSR (Institut neftekhimicheskogo sintesa AN SSSR)

TITLE: Separation of cyclanes and branched alkanes from petroleum fractions by adsorption chromatography on activated carbon

SOURCE: Neftekhimiya, v. 6, no. 5, 1966, 659-664

TOPIC TAGS: petroleum, alkane, adsorption, adsorption chromatography

ABSTRACT: The adsorbability of hydrocarbons of different structures onto activated carbon BAU was determined in this gas-liquid chromatographic separation of various petroleum fractions. Polyalkyl substituted cyclanes are adsorbed least, n-alkanes most. Cyclanes with long side chains show a high degree of adsorption in comparison to polyalkyl substituted cyclanes, and branched alkanes have an intermediate position. In the absence of n-alkanes, the adsorption of cyclanes with long side chains is greater than that of branched alkanes, which is in turn greater than that of the polyalkyl substituted alkanes. Based on the differences in adsorption onto carbon, a method is developed for chromatographic separation of petroleum fractions to straight chain and branched alkanes and cyclanes. Orig. art. has: 4 tables.

Cord 1/1

VDC: 547.21-125+547.592:543.544.2

AUTHORS:

Margolina, Ch., Genel', M.

SOV/138-59-10-4/10

TITLE:

Ionic Deposition From 1.3-Butadiene Nitrile Latexes. (Ionnoye otlozheniye iz divinilmitril nykh lateksov)

PERIODICAL:

Kauchuk i Rezina, 1958, Nr 10, pp 15 - 17 (USSR)

ABSTRACT:

Difficulties arise during the ionic deposition of synthetic latexes which are due to the insufficient strength of the raw gel which is formed by the interaction of the cations of the electrolyte and of the emulsifier of the latex. The possibility of increasing the strength of the gel and of formulating sa tisfactory compositions of the latex mixtures was investigated by testing samples of 1,3-butadiene nitrile latexes SKN-40 with various emulsifiers; the composition and some properties of the latex samples are given in Table 1. An aqueous solution of calcium chloride containing kaolin was used. These investigations showed that despite the use of various emulsifiers raw gels still did not show a sufficient degree of strength. Cracks appeared on the forms which were due to contraction during syneresis and drying.
This defect could be rectified by introducing into the latex small quantities of resorcinol-formaldehyde resins

Card 1/2

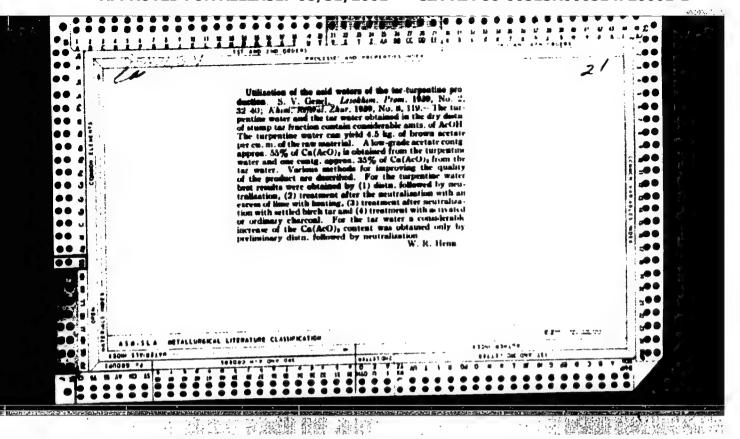
507/138-53-10-4/10

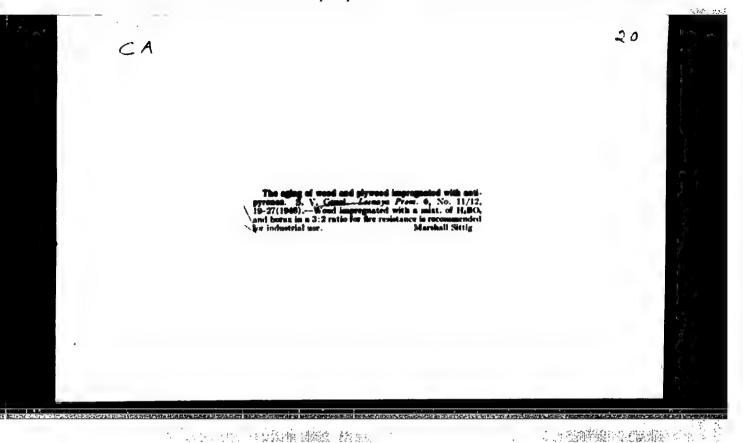
Ionic Deposition From 1,3-Butadiene mitrile Licexen

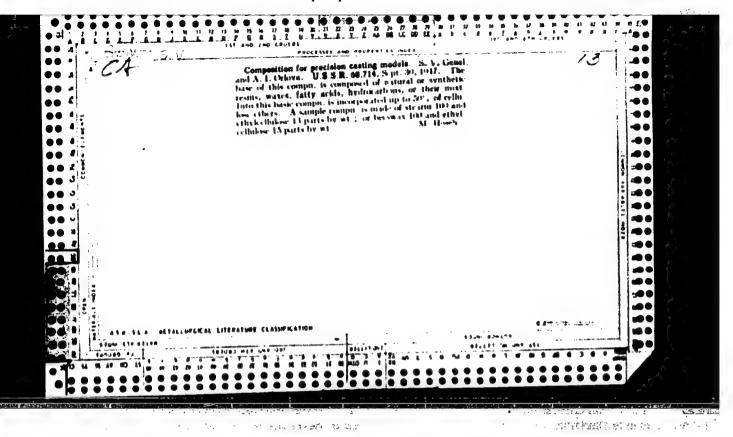
during the resol stage; strong elastic gels and smooth surface coatings could be made in this way (Fig. 2 and Table 3). The authors suggest that the specific action of the resordinol formaldehyde resins in the resol stage is due to the fact that it can be mixed with the mater SKN-40, and that when used as a finely dispersed filler, it affects the structure and the properties of the gel formed during the ionic deposition. There are I Tables, 2 Figures and 6 References: 2 English, 2 French, 1 German and 1 Soviet.

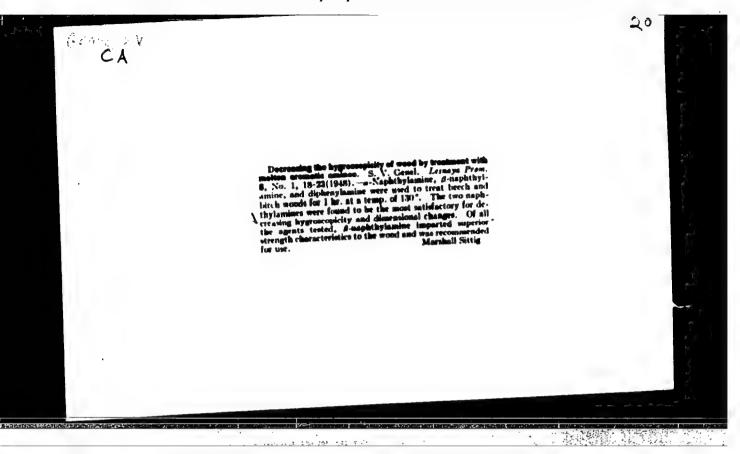
ASSOCIATION: Nauchno-issledovatel skip institut rezinovykh i lateksnykh izdeliy (The Research Institute for Rubber and Latex Articles)

Card 2/2









GENEL', S. V.; KOVAL', P. M.; NIKITINA, T. A.

Looms

Pasting a fibrous cover on shuttles Tekst. prom. no. 5, 1952

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.

GENEL', S. V., VZO OVA, A. I.

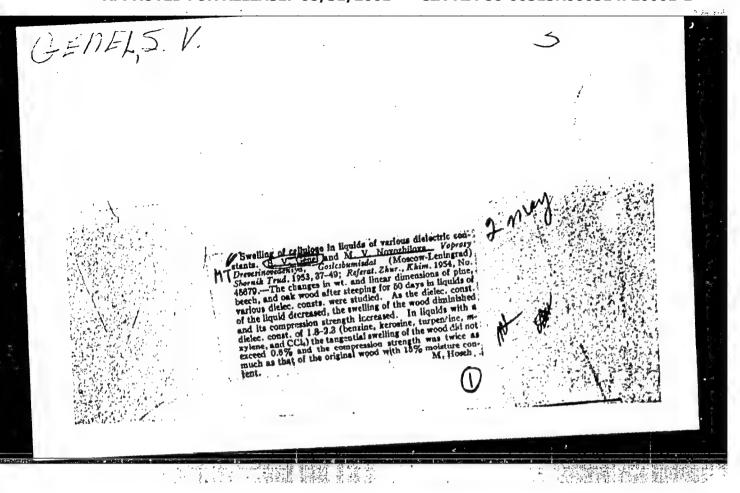
Textile Machinery

Improving the quality of wooden bobbins. Tekst. prom 12 no. 3, 1952

Monthly List of Russian Accessions, Library of Congress, April 1952. JRCLASSIFIED.

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APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000514720001-1"



NYSENKO, Nikolay Trofimovich; QNIEL', Samil Veniaminovich; FOLOMIN, A.I., red.; SARMATSKATA, G.I., red.izd-wa; BACHURINA, A.M., tekhn.red. red.; SARMATSKATA, G.I., red.izd-wa; BACHURINA, A.M., tekhn.red. [Plasticization of whole wood] Plastifikatsiia tsel'noi dre-vesiny. Moskva, Goslesbumizdat, 1958. 251 p. (NIRA 12:1) (wood)

PHASE I BOOK EXPLOITATION

sov/2230

5(3)

Genel', Samuil Venisminovich

Drevesnyye plastiki v tekhnike (Wood Plastics in Industry) Moscow, Izd-vo AN SSSR, 1959. 85 p. 21,000 copies printed.

Sponsoring Agency: Adademiya nauk SSSR. Redkollegiya nauchno-populyarnoy literatury.

Ed.: A. A. Berlin; Ed. of Publishing House: A. I. Folomin; Tech. Ed.: S. G. Markovich.

PURPOSE: The book is intended for the general reader.

COVERAGE: The book describes the main types of wood plastics, and their physical, mechanical, and machining properties. The manufacture of wood plastics and their use as material for making bearings, gear wheels, an . other parts operating under rigorous conditions are discussed. No personalities are mentioned. There are 14 references, all Soviet.

Card 1/3

SOV .230	)	
Nood Plastics in Industry (Cont.) SOV .230		
PABLE OF CONTENTS:	3	
Introduction	5	
Main Trends in Improvement of Properties of Wood Materials	15	
Wood Plastics	17	
Plasticized wood	29	
Hard laminated wood plastics	45	
Thermoelastic laminated wood plastics	47	
One-piece pressed wood plastics	53	
Uses of Wood Plastics in Industry	84	
Conclusion	85	
Bibliography		
Card 2/3		

Wood Plastics in Industry (Cont.)

AVAILALLE: Library of Congress

TM/mg
10-1-59

Mew packaging material for the food industry. Kons.i ov.prom.

15 no.?:23-26 Jl '60.

1. Vsescyusnyy mauchno-issledovatel'skiy i eksperimental'no-konstruktorskiy institut prodovol'stvennogo mashinostroyeniya konstruktorskiy institut prodovol'stvennogo mashinostroyeniya (for Genel', Konovalova). 2. TSentral'myy mauchno-issledovatel'skiy institut konservnoy i ovoshchesushil'noy promyshlennosti (for Muravin).

(Food.—Packaging)

GENEL!, S.V.; KONOVALOVA, D.V.

Polymer wrapping films. Plast.massy no.8:43-47 '61. (MIRA 14:7)

(Polymers) (Food--Packaging)

S/081/62/000/011/054/057 E075/E136

AUTHORS: Genel', S.V., and Zaushnikov, N.V.

TITLE: Gas-flame spraying of new types of polymer

PERIODICAL: Referativnyy zhurnal, Khimiya, no.11, 1962, 622, abstract 11 P 285. (Vestn. tekhn. i ekon. inform. N.-i. in-t tekhn.-ekon. issled. Gos. kom-ta Sov. Min.

SSSR po khimii, no.1, 1961, 48-49).

TEXT: Properties of coatings are described, obtained by the method of gas-flame spraying (technology of deposition is given) of the following compositions: composition  $\Pi \oplus H = 12$  (PFN=12) (phenolformaldehyde resin with polyvinyl butyrol and graphite); MCH=0 (MSN=0) (granulated copolymer of methyl methacrylate, styrene and acrylonitrile, high pressure polyethylene  $\Pi_{\sigma}$  (PE) with a molecular weight of 18000-25000 and 25000-35000, PE with an adhesive additive 5-10% polyisobutylene and low pressure PE polypropylene, caprone, fluoroplast 3.

Abstractor's note: Complete translation.

Card 1/1

RUBANOVICH, Ye.A., mladshiy nauchnyy sotrudnik; SHTENBERG, A.I., prof.; GENEL', S.V., kand.med.nauk

> Synthetic detergents in the food industry. Gig.i san. 26 no.12: 69-72 D '61. (MIRA 15:9)

> 1. Iz otdela gigiyeny pitaniya Moskovskogo instituta gigiyeny imeni F.F. Erismana i laboratorii upakovochnykh i polimernykh materialov Vsesoyuznogo nauchno-issledovatel'skogo i eksperimental no-konstruktorskogo instituta prodovol stvennogo mashinostroyeniya. (FOOD - TIMPED)

(CLEANING COMPOUNDS)

\$/081/61/000/022/069/076 B144/B138

AUTHORS:

Dmitriyeva, N. S., Genel', S. V., Shaykevich, R. N.

TITLE:

Antifrictional properties of plastics

PERIODICAL:

Referativnyy zhurnal. Khimiya. no. 22, 1961, 452-453, abstract 22P76 (Nauchno-issled. tr. Tsentr. in-t nauchno-tekhn. inform. legk. prom-sti, sb. 7, 1960, 15-24)

TEXT: The article describes methods of determining the antifriction properties (friction and wear coefficients) which are the main characteristics of materials for the light industrial machine bearings. Laboratory test results are given, which were obtained under conditions very similar to production, for the following materials: wood particle board on cresol resin (ADK (DPK), on CKC-1 (SKS-1)) and an aqueous resin CB (SFV) base (DPK in SFV); board made from leached chips impregnated with CBC-1 (SBS-1) alcoholic phenol resin; tree-cast block capron, and antifrictional grey cast iron. The effect of surface finish and working conditions on the friction coefficient of disk-shaped samples was studied (with and without lubricant). It was found that DPK on an aqueous SFV resin base has DPK Card 1/2

Antifrictional properties of ....

\$/081/61/000/022/069/076 B144/B138

in alcoholic SKS-1 resin, with insufficient lubricant, a higher friction coefficient 1.5 times, and lower wear resistance. The results obtained by testing particle board and capronite in insufficient oil shows that capronite is the most resistant, then DPK in SKS-1 and last DPK in SVF. [Abstracter's note: Complete translation.]

Card 2/2

Use of wood plastics in the manufacture of machinery. Mashinostroitel' no.11:16-18 N '61. (MIRA 14:11)

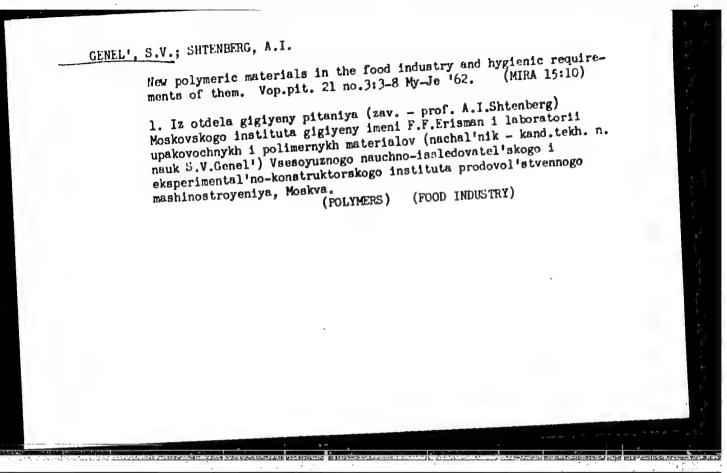
Using polymer films in the mechanization of feedstuff packaging.

Mekh.i avtom.preizv. 16 me.5:26-29 \*62.

(Packaging machinery)

(Plastic films)

(Plastic films)



MURAVIN, Ya.G.; GENEL', S.V.; BAKANOV, S.I.; ROBSMAN, G.I.

[Lacquer coatings used in the food industry] Lake-krasochnye pokrytiia v pishchevoi promyshlennosti. Moskva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1963. 55 p. (MIRA 17:3)

GENEL!, S.V., kand. tekhn. nauk; BAKANOV, S.I., inzh.; KITAINA, L.B., nauchnyy red.; ALEKSEYEVSKAYA, Ye.A., red.

[New advanced technology and technological equipment in the machinery industry] Novaia progressivnaia tekhnologiia i tekhnologicheskoe oborudovanie v mashinostroenii. Moskva, 1963. 55 p. (MIRA 17:8)

1. Moscow. TSentral'nyy institut nauchno-tekhnicheskoy informatsii po avtomatizatsii i mashinostroyeniyu.

TUMANOV, A.T., glav. red.; VYATKIN, A.Ye., red.; GARBAR, F.I., red.; ZAYMOVSKIY, A.S., red.; KARGIN, V.A., red.; KISHKIN, S.T., red.; KISHKINA-KATNER, S.I., doktor tekhn. nauk, red.; PANSHIN, B.I., kand. tekhn. nauk, red.; ROGOVIN, Z.A., red.; SAZHÍN, N.P., red.; SKLYAROV, N.M., doktor tekhn. nauk, red.; FRIDLY ANDER, I.N., doktor tekhn. nauk, red.; SHUBNIKOV, A.V., red.; SHCHERBINA, V.V., doktor geol.-miner. nauk, red.; SHRAYHER, D.S., kand. tekhn. nauk, red.; GENEL', S.V., kand. tekhn. nauk, red.; VINOGRADOV, G.V., doktor khoz. nauk, red.; NOVIKOV, A.S., doktor khoz. nauk, red.; KITAYCORODSKIY, I.I., doktor tekhn. nauk, red.; ZHEREBKOV,S.K., kand. tekhn. nauk, red.; BOGATYREV, P.M., kand. tekhn. nauk, red.; SANDOMIRSKIY, D.M., D.M., kand. tekhn. nauk, red.; BUROV, S.V., kand. tekhn. nauk, red.; POTAK, Ya.M., doktor tekhn.nauk, red.; KUKIN, G.N., doktor tekhn. nauk, red.; KOVALEV, A.I., kand.tekhn. nauk, red.; YAMANOV, S.A., kand. tekhn. nauk, red.; SHEFTEL', I.A., kand. khoz. nauk, st. nauchn. red.; BABERTSYAN, A.S., inzh., nauchn. red.; BRAZHNIKOVA, Z.I., nauchn. red.; KALININA, Ye.M., mlad. red.; SOKOLOVA, V.G., red.-bibliograf; ZENTSEL'SKAYA, Ch.A., tekhn. red.

[Building materials; an encyclopedia of modern technology] Konstruktsionnye materialy; entsiklopediia sovremennoi tekhniki. Glav. red. A.T.Tumanov. Moskva, Sovetskaia entsiklopediia. Vol.1. Abliatsiia - korroziia. 1963. 416 p. (MIRA 17:3)

1. Chlen-korrespondent AN SSSR (for Kishkin).

GENEL', S.V., kand. tekhn. nauk; KESTEL'MAN, N.Ya., kand. tekhn. nauk; KESTEL'MAN, V.N., inzh.; KOGAN, A.M., inzh., retsenzent; BLAGOSKLONOVA, N.Yu., inzh., red.

[Polymeric materials in food machinery manufacture] Polimernye materialy v pishchevom mashinostroenii. Moskva, Izdvo "Mashinostroenie," 1964. 382 p. (MIRA 17:6)

ACCESSION NR: AP4009833

s/0191/6h/000/001/0035/0038

AUTHOR: Genel', S. V.; Konovalova, D. V.; Svetov, F. B.

TITLE: Impulse-heat sealing of polymer films

SOURCE: Plasticheskiye massy\*, no. 1, 1964, 35-38

TOPIC TAGS: polymer films, heat sealing, impulse-heat sealing, specific pressure, polyethylene, 'low- and high-pressure polyethylene, polypropylene, polyamide films, copolymer of vinylidene chloride and vinyl chloride, Saran, cellophane-polyethylene film

ABSTRACT: Of the methods for heat-sealing polymer films, the impulse-heat sealing is the most widely used, and the most effective and promising for the application of automatic packaging machines. The important parameters characterizing the impulse-heat sealing of films are: specific sealing pressure, stress applied at the moment of impulse sealing, and the time of heat sealing. Experiments on a special apparatus established the main parameters for impulse-heat

Card 1/2

ACCESSION NR: AP4009833

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sealing of films of different thickness from low- and high-pressure polyethylene, polypropylene, polyamide film PK-4, films based on the copolymer of vinylidene chloride; and vinyl chloride of the Saran type and cellophane-polyethylene; laminates.

ASSOCIATION: none

DATE ACQ: 10Feb 64

ENCL: 00

SUB CODE: CH

SUBMITTED:

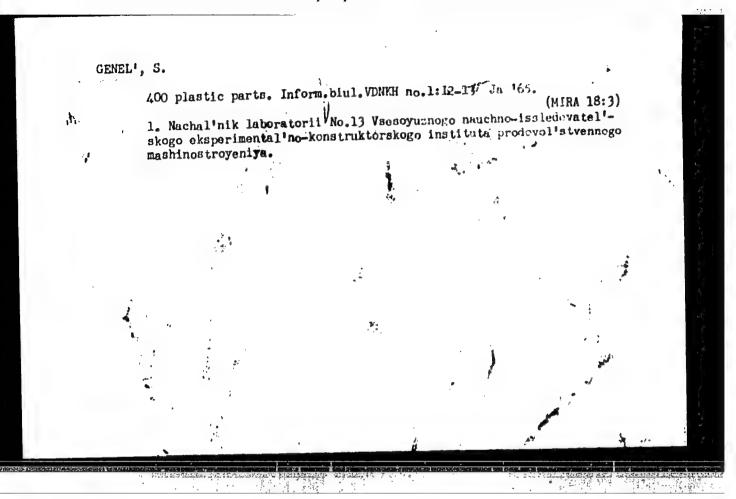
NO REP SOV: 002

OTHER: 001

Card 2/2

MURAVIN, Ya.G.; PARKHOMOVSKAYA, A.D.; GEREL!, O.V.; and PARH, G.S., otv. red.; BERENSHTEYN, R.Ye., ctv. red.

[Epoxy resins in the food industry] Epoksidnye smoly v pishchevoi promyshlennosti. Moskva, TSentr. in-t na-uchno-tekhn. informatsii pishchevoi promyshl., 1963. 22 p. (MHRA 17:10)



#### "APPROVED FOR RELEASE: 08/31/2001

#### CIA-RDP86-00513R000514720001-1

AP6001505 SOURCE CODE: UR/0191/65/000/012/0063/0064 AUTHORS: Genel', S. V.; Patratiy, A. P.; Komar, S. Sh.; Chebotareva, N. I. ORG: none TITLE: Change of properties of polymeric films during accelerated aging SOURCE: Plasticheskiye massy, no. 12, 1965, 63-64 TOPIC TAGS: packing material, polyethylene plastic, polyvinyl chloride, thermal aging, permeability measurement, tensile strength 15.44.2 ABSTRACT: Polyethylene films of low and high density, polyvinyl chloride, and cellophane polyethylene films, utilized as a preferred packing material, have been tested under conditions of long storage at variable temperatures and humidity. Experiments duplicated conditions of moist tropical climate and were conducted (in cycles) for 6 months. The test conditions were: temperature of +500 at relative humidity of 98% was maintained for 8 hours, then for 16 hours with the same humidity but at temperatures of 20 to 24C. The cycles were repeated 25 times within each month. One month was devoted to testing at -40C. Properties observed were: appearance, elasticity, steam permeability, water permeability, and tensile strength. It was determined that the tensile strength and elasticity of the films did not change to any significant extent. Steam permeability of polyethylone films increased by Card 1/2 UDC: 678.01:027.5--539.389

a factor of 2.5, of polyvinylchloride film by a factor of colyethylene by 25%. Water permeability of most films of change at all in some films. At low temperatures, the salightly, while the water permeability generally decrease	team permeability increased
SUB CODE: 07/ SUBM DATE: none/ ORIG REF: 004	
15,	

GENEL!, S.V.; PATRATTY, A.P.; KOMAR, S. Sh.; CHEBOTAREV4, R. ...
Changes in the properties of polymeric films occurring during

Changes in the properties of polymeric films occurring during accelerated aging. Plast. massy no. 12:63-64 \*65. (MIRA 19:1)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000514720001-1"

# "APPROVED FOR RELEASE: 08/31/2001

#### CIA-RDP86-00513R000514720001-1

L 32998-65 EPF(=)/EPR/EMP(j)/EMT(m)/EMG(m)/T

Pc-4/Pr-4/Ps-4 RPL

JAJ/RM/RWH/WW

ACCESSION NR: AP5007421

\$/0286/65/000/004/0059/0059

AUTHOR: Vansheydt, A. A.; Dinaburg, V. A.; Genender, K. M.; Korobeynikova, S. N.

TITLE: A method for producing single-purpose ion-exchange resins. Class 39, No. 168427

100427

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 59

TOPIC TAGS: crosslinked copolymer, ion exchange resin

ABSTRACT: This Author's Certificate introduces a method for producing single-purpose ion-exchange resins which contain weakly or highly acid groups by copolymerization of organic acids with a divinyl "cross-linking" agent. Ion-exchange resins with a controllable degree of "cross-linking" are produced by using methylenediacryl- or methylenedimethacrylemide as the "cross-linking" agent.

ASSOCIATION: none

SUBMITTED: 05Apr63

ENCL: 00

SUB CODE: MT. GC

NO REF SOV: 000

OTHER: 000

**Card** 1/1

Q

USSR/Farm Animals. Horses.

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16760.

Author : Genenko N.V., Vystoropov B.K., Okhamat V.S.

: Seasonal Changes of the Physical Properties of the Inst

Air in the Stable and Their Influence on the Title

Physiological Indexes of Horses (Sezonnyye izmeneniya fizicheskikh svoystv vozdukha konyushni i ikh vliyeniye

na fiziologicheskiye pokazateli loshadey)

Orig Pub: Sb. nauchmo-issled. rabot stud. Stavropolsk. s.-kh.

in-t, 1956, vyp. 4, 90-93.

Abstract: No abstract.

: 1/1 Card

16

coner, M.; I. H., Legar Million, Long Law, i.; confirmable, w.

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Increasing the proceeding of good for agriculture. Next.

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CENERALCZYK, M

Industrial safety and hygiene in inland water transportation, p. 9h. (OCHRONA FFACY, Warszawa, Vol. 9, no. 3, Mar. 1955.)

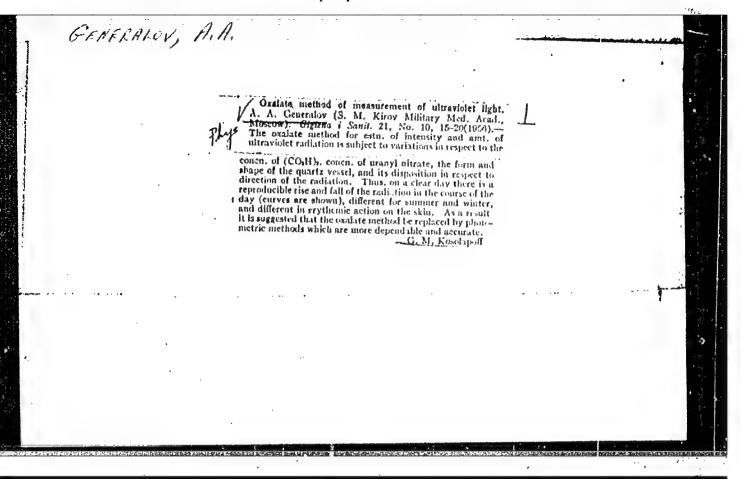
SO: Monthly List of East European Accessions, (EFAL), LC, Vol. h, No. 6, Jun. 1955, Uncl.

GENERALCZYK, I..

Industrial safety and hygiene in the field of inland navigation. [.31]
(OCHROMA FRACY: BEZPIECZEMSTWO I HIGIEMA FRACY. Vol. 10, No. 9, Sept. 1956)
Warszawa, Poland

SO: Monthly List of East European Accessions (EEM.) IC. Vol. 6, No. 10, tetaber 1957. Uncl.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000514720001-1"



GENERALOY A.A.

PHASE I BOOK EXPLOITATION

SOV/4107

Leningrad. Institut radiatsionnoy gigiyeny

Ul'trafioletovaya radiatsiya i yeye gigiyenicheskoye znacheniye; sbornik trudov (Ultraviolet Radiation and Its Sanitary Importance; Collection of Transactions) Leningrad, 1959. 198 p. Errata slip inserted. 700 copies printed.

Additional Sponsoring Agency: RSFSR. Ministerstvo zdravookhraneniya.

Ed. (Title page): N. F. Galanin, Director of the Institute of Radiation Hygiene, Corresponding Member, Academy of Medical Sciences USSR, Professor; Ed. (Inside book): D. M. Tyukov.

PURPOSE: This collection of articles is intended for researchers and personnel working in public health and medicine who are interested in the hygienic and therapeutic effects of ultraviolet radiation.

Card 1/6

Ultraviolet Radiation (Cont.)

SOV/4107

COVERAGE: The purpose of the present collection is to supply material for future publications on important problems in the field. The collection includes studies on ultraviolet radiation made at the Institut radiatsionney gigiyeny (Institute of Radiation Hygiene) under the direction of Professor N. F. Galanin, Corresponding Member, AMN SSSR (Academy of Medical Sciences USSR). Throughout the text frequent reference is made to the works of Soviet contributors to the field. There is a bibliography of Soviet and non-Soviet sources at the end of every article except the tenth.

#### TABLE OF CONTENTS:

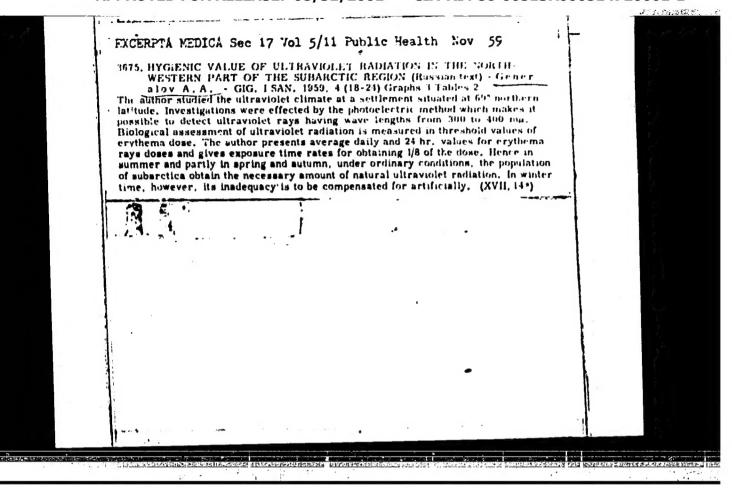
Galanin, N. F., Prof., Corresponding Member, AMN SSSR. Hygienic Characteristics of Natural Ultraviolet Radiation in Leningrad.

7

Generaloy, A. A. Evaluation of Hygienic Value of Ultraviolet Radiation in the Northwest Sector of the Transpolar Regions Card 2/6

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#### GENERALOV, A.A.

Photoelectric method for measuring ultraviolet radiation. Vop. kur., fizioter. i lech. fiz. kul\*t. 27 no.1:11-16 62. (MIRA 15:5)

1. Iz kafedry obshchey i voyennoy gigiyeny (nachalinik - prof. P.Ye. Kalmykov) Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.

(PHOTOELECTRIC MEASUREMENTS) (ULTRAVIOLET RAYS)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000514720001-1"

GENERALOV, A.F., inzh.-tekhnolog

Use of epoxy resins in the repair of diesel locomotives. Elek. i tepl.tiaga no.8:6-7 Ag '63. (MIRA 16:9)

1. Dizel'nyy tsekh Voronezhskogo teplovozoremontnogo zavoda.

(Diesel locomotives---Maintenance and repair)

(Epoxy resins)